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LIST OF THE PUBLISHED WRITINGS

OF

ELKANAH BILLINGS, F.G.S.,

Palæontologist to the Geological Survey of Canada, 1856-1876.

Prepared by B. E. WALKER, F.G.S., Toronto, Canada.

Reprinted from the Canadian Record of Science, Vol. VIII., No. 6, for July, 1901, issued 10th August, 1901.

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List of the Published Writings of Elkanah Billings, F.G.S., Palæontologist to the Geological Survey of Canada, 1856-1876.

Prepared by B. E. Walker, F.G.S., Toronto, Canada.

Previous to 1854, the date of his first serious contribution to science, Mr. Billings was the editor of one of the newspapers, the *Citizen*, in Ottawa (Bytown), Canada, and it is stated that he contributed to its columns articles on geology of a more or less popular character. No record of these articles is made here. In 1856 he published the first volume of the *Canadian Naturalist and Geologist.* The title page of this particular volume bears his name, and he is supposed to have written all the articles not specially indicated as from other contributors. Only one paper contains an original description of a fossil, and in the majority of cases they are articles about the wild animals and the geology of Canada, such as might have been contributed to a text book. The second volume was edited by a committee, and does not bear Mr. Billings' name. He apparently contributed at least twelve articles, some over his initials and some not, of which only eight appear in the index. Other articles, not indexed or bearing name or initials, may, of course, be by him. In any event, no article by him in the second volume contains an original description of a fossil or other natural object.

In 1856 he was appointed Palæontologist to the Geological Survey of Canada, and from 1857 to the end of his life his published works are almost entirely devoted to the description of the great number of new genera and species with which his name is associated.

In this list of his published writings the titles in almost every case are given literally as originally printed. In the series of articles devoted to natural history in Canada, the generic and specific name of the animal described is often part of the title. Sometimes this name is in brackets, sometimes not; the specific name may begin with a capital or not, without reference to any system of nomenclature. In the early volumes of the *Canadian Naturalist and Geologist* the entire title is always in italics. Words which in this list appear in brackets thus [ ] are part of the title. Words in brackets thus ( ) are not part of the title, but are notes by the compiler. Attention is particularly directed to this, because the notes of the compiler frequently intentionally contradict statements conveyed by the title. In the compiler's notes references are as a rule not made to illustrations unless they accompany descriptions of new fossils.

A biographical sketch of Mr. Billings by his successor, Mr. Whiteaves, will be found in Vol. VIII., new series, of the *Canadian Naturalist.*

LIST OF PUBLICATIONS IN WHICH WRITINGS BY MR. BILLINGS HAVE APPEARED, WITH THE ABBREVIATIONS USED IN THE BIBLIOGRAPHY.

Publications.	Abbreviations.
Geological Survey of Canada	G.S.C.
The Canadian Journal—Proceedings of Canadian Institute, Toronto, Canada	Can. Journ.
The Canadian Naturalist and Geologist—Proceedings of the Natural Historical Society, Montreal, Canada	Can. Nat.
The American Journal of Science and Arts, New Haven, U.S.	A.J.S.
Proceedings American Association for Advancement of Science	P.A.A.A.S.
Report of the Geology of Vermont	Geol. Verm.
Portland Society of Natural History, Portland, Maine, U.S.	P.S.N.H.
Annals and Magazine of Natural History, London, Eng.	A.M.N.H.
Geological Magazine, London, Eng	Geol. Mag.
Quarterly Journal of the Geological Society, London, Eng.	Q.J.G.S.

BIBLIOGRAPHY.

Year.	Month	Title	Publication	Volume	Page
1854	April and May	On some New Genera and Species of Cystidea from the Trenton Limestone. Read before the Canadian Institute, February 11th, 1854. (Describes and illustrates the new genera, *Glyptocystites* and *Pleurocystites*)	Can. Journ.	Ser. 1, V. 2	215-218 250-253
"	June	On some new Genera and Species of Cystidea from the Trenton Limestone. Second paper. Read before the Canadian Institute, April 8th, 1854. (Describes and illustrates the new genera, *Comarocystites* and *Amygdalocystites*)	"	"	268-274
1856	February	Elevation and subsidence of Land—Various Theories of the Earth—Origin of Stratified Rocks—European and American Formations—Geographical Distribution of the latter in Canada	Can. Nat.	1	1-25
"	"	On the Nomenclature and Classification of the Animal Kingdom	"	1	26-31
"	"	Fossils of the Potsdam Sandstone; Sea-weeds, Shells and footprints on the rock at Beauharnois	"	1	32-39
"	"	On some of the characteristic fossils of the Lower Silurian Rocks of Canada	"	1	39-47
"	"	On the Crinoidea or Stone Lilies of the Trenton Limestone, with a description of a new species. (Describes and illustrates *Glyptocrinus ramulosus*)	"	1	48-57
"	"	Fossils of the Upper Silurian Rocks, Niagara and Clinton Groups	"	1	57-60
"	"	Natural History of the Moose Deer, Alces Americana	"	1	60-70

BIBLIOGRAPHY—*Continued.*

Year.	Month.	Title.	Publication	Volume.	Page.
1856	February	The Northern Reindeer, or Barren Ground Caribou [Tarandus arcticus]	Can. Nat.	1	71-76
"	"	The Woodland Caribou [Tarandus hastalis]	"	1	77-80
"	April	On the Wapite, or Canadian Stag [Elaphus Canadensis]	"	1	81-87
"	"	On the Common Deer [Cervus Virginianus]	"		87-92
"	"	On the Mule Deer [Cervus Macrotis]	"		92-100
"	"	On the American or Black Bear [Ursus Americanus]	"	1	100-104
"	"	On the Grizzly Bear [Ursus Ferox]	"	1	104-109
"	"	On the White or Polar Bear [Ursus maritimus]	"	1	109-113
"	"	On the Cinnamon Bear [Ursus cinnamomum]	"	1	114-115
"	"	On the Fossil Corals of the Lower Silurian Rocks of Canada	"	1	115-128
"	"	On some of the technical terms used in the description of Fossil Shells	"	1	128-131
"	"	On some of the Fossil Shells of the Niagara and Clinton Formations	"	1	131-139
"	"	Ornithology; Technical terms	"	1	139-142
"	"	On the Robin, or Migratory Thrush [Turdus migratorious]	"	1	142-146
"	"	On Black Duck [Anas obscura]	"	1	146-149
"	"	On the Wood Duck [Anas sponsa]	"	1	149-152
"	"	On the Green-winged Teal [Anas Carolinensis]	"	1	153-154
"	"	On the Blue-winged Teal [Anas discors]	"	1	154-156
"	"	On the Mallard [Anas boschas]	"	1	156-159
"	"	On a Sea Gull shot at Ottawa	"	1	159-160
"	June	On the Pigeon [Ectopistes Migratoria]	"	1	168-176

BIBLIOGRAPHY—*Continued.*

Year.	Month.	Title.	Publication.	Volume.	Page.
1856	June	On the Species of Woodpeckers observed in the vicinity of the City of Ottawa	Can. Nat.	1	176-189
"	"	A Chapter on Earthquakes	"	1	189 195
"	"	On some of the Common Rocks of the British Provinces	"	1	196-202
"	"	On some of the Lower Silurian Fossils of Canada	"	1	203-208
"	"	Natural History of the Wolf [Canis Lupus] and its varieties	"	1	209-215
"	"	On the Foxes of British North America	"	1	216-228
"	"	On the Canadian Otter [Lutra Canadensis]	"	1	228 232
"	"	On the Bob-link or Rice-bird [Dolichonyx orzivora]	"	1	233-237
"	September	Natural History of the Wolverene or Carcajou [Gulo Luscus]	"	1	241-246
"	"	On the Loup Cervier, or Canadian Lynx [Lynx Canadensis] and the Bay Lynx or Wild Cat of the United States [Lynx Rufus]	"	1	247-252
"	"	Natural History of the Raccoon [Procyon Lotor]	"	1	253-260
"	"	On some of the Game Birds of Canada	"	1	284-305
"	"	On the Insects injurious to the Wheat crop	"	1	306-312
"	"	Description of Fossils occurring in the Silurian Rocks of Canada	"	1	312-320
"	December	On the Tertiary Rocks of Canada, with some account of their Fossils	"	1	321-346
"	"	On the American Buffalo [Bison Americanus]	"	1	346-353
"	"	On the Musk Ox [Ovibos moschatus]	"	1	353-357
"	"	The Rocky Mountain Sheep [Ovis montana]	"	1	357-360

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Year.	Month.	Title.	Publication.	Volume.	Page.
1856	December	On the Skunk [Mephitis chinga]	Can. Nat	1	360-364
"	"	On the Canada Porcupine [Hystrix dorsata]	"	1	364-369
"	"	On the Northern Hare [Lepus Americanus]	"	1	369-379
"	"	On the Mammoth and the Mastodon	"	1	379-390
1857	January (The cover reads February)	On the several species of Squirrels inhabiting the British Provinces	"	1	431-442
"	"	On the great Horned Owl, Bubo Virginianus	"	1	443-447
"	"	The Snowy Day Owl. Surnia Nyctea.	"	1	447-450
"	"	The Enemies of the Wheat Fly	"	1	450-457
"	"	Lawrencian Formation	"	1	464-
"	"	Fossils of the Hamilton Group	"	1	473-479
"	March	On the iron ores of Canada and the cost at which they may be worked.	"	2	20-28
"	"	On the Natural History of the Rosignol or Song Sparrow, Fringilla melodia	"	2	47-52
"	May	Notes on the Natural History of the Mountain of Montreal.	"	2	92-101
"	"	The Muskrat [Fiber Zibethicus]	"	2	106-111
"	"	On the Wood-Chuck [Arctomys Monax]	"	2	112-116
"	"	On the "Fisher" or Pekan. "Pennant's Marten" [Mustela Canadensis]	"	2	116-119
"	"	On the Beaver.—Castor fiber	"	2	120-127
"	"	On the Genera of Fossil Cephalopoda occurring in Canada	"	2	135-138
"	December	On the Star-Nosed Mole of America	"	2	446-448

BIBLIOGRAPHY—*Continued.*

Year.	Month.	Title.	Publication.	Volume.	Page.
1857	December	On the Mink [Putorius vison]	Can. Nat	2	448-455
"	"	The Common Weasel [Putorius erminea]	"	2	455-462
"	"	On the Pine Marten [Mustela martes]	"	2	463-464
		(The last four articles are neither signed nor indexed as by Billings, but they appear to be the concluding numbers of his series of papers on natural history.)			
1857	March	Report for the year 1856 (the first) as Palæontologist, containing the following sub-heading "New Species of Fossils from the Silurian Rocks of Canada." (The descriptions of new genera and species in earlier papers are here included together with many new species of Echinodermata, Brachiopoda, Gasteropoda, Cephalopoda and Crustacea, and the genera *Pasceolus* and *Batricea*. No illustrations accompany the descriptions)	G.S.C.	Report of Progress, 1853-56	247-345
1858	March	Report for the year 1857 as Palæontologist. (Contains descriptions of new genera and species of Cœlenterata, without illustrations, and of Lamellibranchiata and Brachiopoda, with illustrations. That part of the above report containing the descriptions of new fossils was published at Montreal, without date, as a separate pamphlet, 31 pp., with the title "Canadian Fossils, containing descriptions of New Genera and Species, from the Silurian and Devonian Formations of Canada, etc.)	"	Report of Progress, 1857	147-192
"	December	New Genera and Species of Fossils from the Silurian and Devonian formations of Canada. (This is merely a reprint of the descriptions and illustrations contained in the report for 1857, referred to immediately above.)	Can. Nat	3	419-444

BIBLIOGRAPHY—*Continued.*

Year.	Month.	Title.	Publication.	Volume.	Page.
1858	June	On the Cystideæ of the Lower Silurian Rocks of Canada. (7 plates and 26 figures with the text)	G.S.C.	Figures and descriptions, Can. Organic Remains Decade 3.	9-74
"	"	On the Asteriadæ of the Lower Silurian Rocks of Canada. (3 plates and 2 figures with the text)	"	Figures and descriptions, Can Organic Remains, Decade 3.	75-85
"	"	On Cyclocystoides, a new genus of Echinodermata from the Lower and Middle Silurian Rocks, by J. W. Salter and E. Billings. (1 plate)	"	Figures and descriptions, Can. Organic Remains, Decade 3.	86-90
1859	March.	On the Fossil Corals of the Devonian Rocks of Canada West. Read before the Canadian Institute, February 26th, 1859. (Describes 2 new genera and 30 species some of which were described in Report for 1857, but not illustrated. 29 figures inserted with text. Published separately, pp. 44)	Can Journ.	Ser. 2, V. 4	97-140
"	April	On some new Genera and Species of Brachiopoda, from the Silurian and Devonian Rocks of Canada. Read before the Natural History Society of Montreal, 28th March, 1859. From the Report of the Geological Survey for 1858. (Not printed in the Report for 1858. Describes 2 new genera and 4 species. 10 figures inserted with text)	Can. Nat.	4	131-135
"	May	On the Crinoideæ of the Lower Silurian Rocks of Canada. (9 plates and 26 figures with the text. Includes a memoir on the genus *Comatula* by John V. Thompson, F.L.S., etc	G.S.C.	Figures and descriptions, Can. Organic Remains, Decade 4.	pp. 72

BIBLIOGRAPHY—*Continued.*

Year.	Month.	Title.	Publication.	Volume.	Page
1859	August	Description of a new Genus of Brachiopoda, and on the genus Cyrtodonta. From Report of Geological Survey, 1858-59, unpublished. (No illustrations)	Can. Nat	4	301-303
"	October	Fossils of the Calciferous Sandrock, including those of a deposit of white limestone at Mingan, supposed to belong to the formation. Extracted from the Report of the Geological Survey of Canada for 1858-1859. (Not printed in Report. 41 species referred to, covering all Canadian forms from the Calciferous known at this time 1 new genus and 27 new species described. 12 figures inserted with text)	"	4	345-367
"	"	Descriptions of some new species of Trilobites from the Lower and Middle Silurian rocks of Canada. Extracted from the Report of the Geological Survey of Canada for 1858-1859. (Not printed in Report 15 species referred to, of which 12 are new. 13 figures inserted with text)	"	4	367-383
"	December	Fossils of the Chazy Limestone, with descriptions of new species. Extracted from the Report of the Geological Survey of Canada for 1858-1859. (Not printed in Report. 129 species referred to, covering all Canadian forms from the Chazy known at this time. 37 new species described. 39 figures inserted with the text)	"	4	426-470

BIBLIOGRAPHY—*Continued.*

Year.	Month.	Title.	Publication.	Volume.	Page.
1860	February	Description of some new species of Fossils from the Lower and Middle Silurian Rocks of Canada. From the Report of the Geological Survey for 1860. (Report not published. 7 new species of Brachiopoda and 5 of Crustacea described. 12 figures inserted with the text)	Can. Nat.	5	49-69
"	"	Description of a new Palæozoic Starfish of the genus Palæaster, from Nova Scotia. (Describes and illustrates *Palæaster parvinsculus*)	"	5	69-70
"	May	On the Devonian Fossils of Canada West. Extracted from the Report of the Geological Survey of Canada for 1860—in preparation." (Report not published. 11 new species of Cœlenterata and 10 of Brachiopoda described. 747 figures inserted with the text and 1 plate)	Can. Journ.	Ser. 2, V. 5	249-282
"	June	New Species of Fossils from the Lower Silurian Rocks of Canada. From the Report of the Geological Survey for 1860. (Report not published. 10 new species of Gasteropoda and 6 of Cephalopoda. 20 figures inserted with the text)	Can Nat.	5 (Printed "VI.")	161-177
"	August	On some new species of Fossils from the Limestone near Point Levi, opposite Quebec. (25 new species of Crustacea. 30 figures inserted with the text. Page 301 printed *201* in error. Published separately pp. 24, same date)	"	5	301-324

BIBLIOGRAPHY—*Continued.*

Year.	Month.	Title.	Publication.	Volume	Page
1860	September	Description of a new Trilobite from the Potsdam Sandstone, by Frank H. Bradley, with a note by E. Billings. (Republished P.A.A.A.S., Vol. XIV., pp. 161-166, and Can. Nat., Vol. 5, pp. 420-425)	A.J.S.	Ser. 2, V. 30	241-243
"	November	Additional Note on the Potsdam Fossils. (Republished as indicated under previous paper)	"	"	337 338
"	December	On certain theories of the formation of mountains	Can. Nat	5	409-420
"	"	Acadian Geology and a Supplementary Chapter thereto. (Review)	"	5	450-455
1861	March.	On the Devonian Fossils of Canada West. Continued from Vol. V., page 282. No. XXVII., May, 1860. (1 new species of Brachiopoda. 11 figures inserted with the text)	Can. Journ	Ser. 2, V. 6	138-148
"	"	Note on a New Genus of Palæozoic Brachiopoda	"	"	148
"	April	Description of the new species of Lingula referred to in the foregoing paper. (Appended to "Notes on the Geology of Murray Bay—Lower St. Lawrence." J. W. Dawson. Describes and illustrates *Lingula ova*)	Can. Nat	6	150-151
"	May	On the Devonian Fossils of Canada West. Continued from Vol. VI., page 282. No. XXVIII., May, 1860. (Should read page 148 and March, 1861. 2 new species of Brachiopoda. 44 figures inserted with the text)	Can. Journ.	Ser. 2, V. 6	253-274

BIBLIOGRAPHY—*Continued.*

Year.	Month.	Title.	Publication.	Volume.	Page.
1861	July	On the Devonian Fossils of Canada West. Continued from Vol. VI., page 282. No. XXVIII., May, 1860. (Should read page 274 and May, 1861. 1 new species of Lamellibranchiata 3 of Gasteropoda and 2 of Cephalopoda. 31 figures inserted with the text. The four entries under same title, at May, 1860, and March, May and July, 1861, constitute one paper.)	Can. Journ.	Ser. 2, V. 6	329-363
"	August	On some of the Rocks and Fossils occurring near Philipsburg, Canada East. (1 new species of Brachiopoda, 3 of Gasteropoda and 1 of Crustacea. 6 figures inserted with text.)	Can. Nat	6	310-328
"	September	On the Age of the Red Sandstone formation of Vermont.	A.J.S.	Ser. 2, V. 32	232
"	October	On the occurrence of Graptolites in the base of the Lower Silurian. (No descriptions of fossils)	Can. Nat	6	344-348
"	November (Cover reads 21st Nov., 1861)	New Species of Lower Silurian Fossils. (The matter in this pamphlet forms the first 24 pages of the first volume of "Palæozoic Fossils," published Oct., 1865, *q.v.*)	G.S.C.	Pamphlet	pp. 24
"		On some new or little known species of Lower Silurian Fossils from the Potsdam Group—"Primordial Zone"	Geol. Verm.	2	942-945
"		On some new species of Fossils from the Calciferous, Chazy, Black River, and Trenton Formations. (The above two papers contain the matter covered by the pamphlet published by the G.S.C., November, 1861)	"	2	955-960

BIBLIOGRAPHY—*Continued.*

Year.	Month.	Title.	Publication.	Volume.	Page.
1862	January (Cover reads 21st Jan., 1862)	New Species of Lower Silurian Fossils. This constitutes the second part of "Palæozoic Fossils," published October, 1865, *q.v.*)	G.S.C.	Pamphlet	25-56
"	January	Further observations on the age of the Red sandrock formation (Potsdam Group) of Canada and Vermont	A.J.S.	Ser. 2, V. 33	100-105
"	April	On the date of the Report on the Geology of Wisconsin, noticed in this Journal, Vol. VI., p. 465	Can. Nat	7	156-158
"	May	On Prof J. Hall's claim of Priority in the determination of the Age of the Red Sandrock Series of Vermont	A.J.S.	Ser. 2, V. 33	370-376
"	"	Geology of Vermont, etc. (A Note on the publication of the "Report on the Geology of Vermont")	"	"	416-420
"	"	On the date of the recently published Report of the Superintendent of the Geological Survey of Wisconsin, exhibiting the Progress of the work, Jan. 1, 1861	"	"	420-421
"	"	Correction of the Article on the Red Sandrock in this vol., p 100.	"	"	421-422
"	June (Cover reads 6 June, 1862)	New Species of Lower Silurian Fossils. This constitutes the third part of "Palæozoic Fossils," published October, 1865, *q v.*)	G.S.C.	Pamphlet	57-168
"	October	Remarks upon Prof. Hall's recent publication, entitled "Contributions to Palæontology".	Can. Nat	7	389-393
"	December	Notes on some of the habits of the pine-boring beetles of the genus Monohammus. Read before the Natural History Society of Montreal, 24th November, 1862.	"	7	430-438
"	"	Dana's Manual of Geology	"	7	474-476

BIBLIOGRAPHY—*Continued.*

Year.	Month.	Title.	Publication.	Volume.	Page
1863 (1869 ?)	January	Description of some new species of Fossils, with remarks on others already known, from the Silurian and Devonian rocks of Maine. (10 new species of Brachiopoda, 3 of Lamellibranchiata and 6 of Crustacea. 1 plate. This paper bears date the 12th and was read on the 19th January, 1863. It was published, however, in the second half, consisting of pp. 97-212, of the first volume of proceedings. P.S.N.H., and appeared without title page, the cover bearing date 1869. The building of the Society and the types of the fossils described were burned in 1866, and the second half of the volume did not appear either as a whole or in part until after that date)	P.S.N.H	1	104 126
1863	February	On the Parallelism of the Quebec Group with the Llandeilo of England and Australia, and with the Chazy and Calciferous formations. Read before the Natural History Society of Montreal, 3rd February, 1863.	Can. Nat.	8	19-35
"	"	Description of a new species of Harpes from the Trenton Limestone, Ottawa	"	8	36-37
"	"	On the Internal Spiral Coils of the Genus Cyrtina	"	8	37-39
"	April	Description of a new Trilobite from the Quebec Group, by T. Devine (with a note by E. Billings)	"	8	95 98

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Year.	Month.	Title.	Publication.	Volume	Page.
1863	April	On the remains of the Fossil Elephant found in Canada. Read before the Natural History Society of Montreal, 23rd February, 1863. (The above five papers appeared in a separate pamphlet published by the Geological Survey of Canada at Montreal, 1863, pp. 36)	Can. Nat.	8	135-147
"	May	Geological Survey of Canada. Report of Progress from its Commencement to 1863 (The following extract from Sir William Logan's preface, page VII., indicates partially Mr. Billings' share in the preparation of this volume: "In order to insure uniformity in the palæontological part of this work, all the palæozoic fossils mentioned in it have been submitted to the inspection of Mr. Billings, and the species are, therefore, all given on his authority. Of the described Lower Silurian species found in Canada, not including those of the Quebec group, he has prepared a catalogue, showing their vertical distribution, and referring to the publications in which the descriptions and figures will be found. This catalogue has been introduced into the appendix to this volume." The catalogue will be found at pp. 936-956. There is also at pp. 862-864 a "List of Fossils from the various bands at Point Levis" (Quebec). There are no descriptions of fossils in the volume, but 498 figures, almost all of fossils, are inserted with the text.)	G.S.C.	—	pp. 983

BIBLIOGRAPHY—*Continued.*

Year.	Month.	Title.	Publication.	Volume.	Page.
1863	June	Description of a new species of Phillipsia from the lower Carboniferous rocks of Nova Scotia	Can. Nat	8	209-210
"	September	On the genus Centronella, with remarks on some other genera of Brachiopoda	A.J S.	Ser. 2, V. 36	236-240
"	October	On the Genus Stricklandia; proposed alteration of the name	Can. Nat	8	370
1865	February	New Species of Lower Silurian Fossils. (This constitutes the fourth part of "Palæozoic Fossils." In the case of every other title given in this bibliography except this, I have seen the actual publication. See preface to "Palæozoic Fossils," published October, 1865.)	G.S.C.	Pamphlet	169-344
"	June	Notes on Some of the More Remarkable Genera of Silurian and Devonian Fossils. (On *Receptaculites* and *Pascolus*. 14 figures inserted with the text)	Can. Nat	N. Ser, V. 2	184-198
"	October	Palæozoic Fossils. Volume 1. (The several parts which here appear as one volume were published as follows: Pp. 1-24 November, 1861—text altered somewhat in 1865, see page 419. 25-56 January, 1862. 57-168 June, 1862—pp. 57-72 reprinted or altered in 1865, see page 419. 169-344 February, 1865. 345-426 with the complete work as above. The volume contains eleven sub-headings with a list of Levis fossils and an appendix. The index gives the names of 529 species, which are illustrated by 401 figures inserted with the text)	G.S.C.	1	pp. 426

BIBLIOGRAPHY—*Continued.*

Year.	Month.	Title.	Publication.	Volume.	Page
1865	December	Notes on Some of the More Remarkable Genera of Silurian and Devonian Fossils. Continued from page 198. (On *Beatricea*, 3 figures. Continuation of paper dated June, 1865)	Can Nat	N. Ser., V. 2	405-409
"	"	Notice of Some New Genera and Species of Palæozoic Fossils. (1 new genus, *Calapœcia*, and 18 new species of Cœlenterata, described but not illustrated)	"	"	425-432
1866	November	Catalogues of the Silurian Fossils of the Island of Anticosti, with Descriptions of some New Genera and Species. (This report contains the following five papers:)	G.S.C.	Spl. Report	pp. 33
		1. Catalogue of the Lower Silurian Fossils of Anticosti, with Descriptions of some of the Species. (Describes 28 new species. Cœlenterata, 1; Polyzoa, 4; Echinodermata, 1; Brachiopoda, 2; Lamellibranchiata, 7; Gasteropoda, 6; Cephalopoda, 2; Pteropoda, 2; Crustacea, 3. 11 figures inserted with the text)			5-28
		2. Catalogue of the Fossils of the Anticosti Group with Descriptions of Some of the Species. (Describes 75 new species. Protozoa, 3; Polyzoa, 19; Brachiopoda, 15; Lamellibranchiata, 9; Gasteropoda, 10; Cephalopoda, 9; Crustacea, 10. 11 figures inserted with the text)			29-72
		3. Additional Species from the Hudson River Group. (Describes 3 species of *Licrophyrus* and the new genus *Serichnites* with one species			72-75

BIBLIOGRAPHY—*Continued.*

Year.	Month.	Title.	Publication.	Volume	Page.
		4. General Observations on the Palæozoic Fossils of Anticosti. (No descriptions of fossils)			73-82
		5. New Species of Fossils from the Clinton and Niagara Formations. (Describes 23 new species and one new genus. Cœlenterata, 6; Polyzoa, 1; Cephalopoda, 13; Echinodermata, ? 6 figures inserted with the text. This last paper is entered in the publication as a subtitle, but it has no relation to the main title)			82-93
1867	May	Geological Survey of Illinois, etc. (A note on the publication of Vol II., Palæontology)	A.J.S.	Ser. 2, V. 43	395-398
"	July	On the Classification of the subdivisions of McCoy's Genus Athyris, as determined by the laws of Zoological Nomenclature. Read before the Nat. Hist. Soc., Montreal, March 25th 1867. (Also published in A.M.N.H., Ser. 3, Vol. XX., pp. 233-247	"	Ser. 2, V. 44	48-61
"	—	Esquisse Géologique du Canada. Restes Organiques	Commission Geologique du Canada.	—	43-49
1868	February	Description of Two New Species of Stricklandinia (one plate)	Geol Mag	5	59-64
1868	December	On Leskia mirabilis (Gray) by Prof S. Lovén. Communicated by Dr. Christian Lutken, Assistant Zoologist in the Museum of the University, Copenhagen. (With a note by Mr. Billings. The article treats of the morphology of *Cystidea*	Can. Nat	N Ser., V. 3	437-445

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1869	March	Note on the Blastoidea	Can. Nat	N. Ser., V. 4	89-90
"	May	Note on the structure of the Blastoidea. (Although dealing with the same genera, the two articles, published respectively in March and May, are not identical. The last article was reprinted in A.M.N.H., Ser. 4, Vol. 4, p. 76)	A.J.S.	Ser. 2, V. 47	353
"	September	On Hyponome Sarsi, a recent Cystidean, by S. Loven. Reprinted from the Annals and Magazine of Natural History, September, 1869. (With a note by Mr. Billings)	Can. Nat	N. Ser., V. 4	265-270
"	July	Notes on the structure of the Crinoidea, Cystidea and Blastoidea	A.J.S.	Ser. 2, V. 48	69-83
1870	January	Notes on the structure of the Crinoidea, Cystidea and Blastoidea. Continued from this journal, II., Vol. XLVIII., p. 83	"	Ser. 2, V. 49	51-58
"	September	Notes on the structure of the Crinoidea, Cystidea and Blastoidea. Concluded from this journal, II, Vol. XLIX, p. 58. (The three articles above were reprinted as follows: Can. Journ. N. Ser., V. 4, pp. 277-293, September, 1869; pp. 426-433, December, 1869; V. 5, pp. 180-198, June, 1870. A.M.N.H., Ser. 4, V. 5, pp. 251-266; pp. 409-416; V. 7, pp. 142-158)	"	Ser. 2, V. 50	225-240

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1870	November	Corrections of errata in the "Notes on the structure of the Crinoidea, etc."	A.J.S.	Ser. 2, V. 50	436
"	"	Notes on Some Specimens of Lower Silurian Trilobites. (On the walking-appendages, Panderian organs, eggs and tracks of trilobites. Abstract of above, Can. Nat., N. Ser., V. 5, p 9))	Q.J.G.S.	26	479-486
1871	May	Notes and Observations on the Gold Fields of Quebec and Nova Scotia, by Alfred R C Selwyn. (With a note by Mr. Billings on the geological horizon of *Eophyton* at p. 269)	G.S C.	Report of Progress 1870-71	252-282
"	June	Note on Trimerella acuminata. (Reprinted in A.M.N.H, Ser. 4, Vol. VIII., pp. 140-141)	A.J.S.	Ser. 3, V. 1	471
"	December	On Some New Species of Palæozoic Fossils. (Describes 9 new species as follows: Pteropoda, 4; Gasteropoda, 1; Brachiopoda, 4, with 2 new genera or subgenera, *Monomerella* and *Obolella*. Reprinted in A.J S., Ser. 3, Vol. 3, pp. 352-360)	Can. Nat.	N. Ser., V. 6	213-222
"	"	Proposed new genus of Pteropoda. (*Hyolithellus* proposed	"	"	240
1872	February	Note on the discovery of fossils in the "Winooski marble" at Swanton, Vt. (Reprinted in Can. Nat., N. Ser., Vol. 6, p. 351)	A.J.S.	Ser. 3, V. 3	145
"	March	Fossils from the so-called Huronian of Newfoundland	"	"	223-224

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1872	April	Remarks on the Taconic Controversy. (Reprinted in A.J.S., Ser. 3, Vol. 3, pp. 466-471)	Can. Nat	N. Ser., V. 6	313-325
"	"	On the Genus Obolellina (Describes genus *Obolellina* and one new species. 7 figures)	"	"	326-330
"	"	A Question of Priority. (Published under a sub-title to previous article)	"	"	330-333
"	"	Note on a Question of Priority. (Same subject but not identical with previous article)	A.J.S.	Ser. 3, V. 3	270-273
"	"	Additional Note on Obolellina, etc. (Neither signed nor in index)	Can. Nat	N. Ser., V. 6	365-367
"	August	Additional Notes on the Taconic Controversy	"	"	460-465
"	"	On Some Fossils from the Primordial Rocks of Newfoundland. (Describes 4 new genera, *Arthraria*, *Iphidea*, *Aspidella*, *Scenella*, and 20 new species as follows: Plantæ, 3; Pteropoda, 4; Gasteropoda, 1; Brachiopoda, 5; Crustacea, 7. 14 figures inserted with the text. Was to have been continued)	"	"	465-479
"	"	Fossils probably of the Chazy era in the Eolian Limestone of West Rutland	A.J.S.	Ser. 3, V. 4	133
"	November	Rejoinder to Prof. Hall's Reply to a "Note on a Question of Priority"	"	"	399-400
1873	May	On the Mesozoic Fossils from British Columbia, collected by Mr. James Richardson in 1872. (No descriptions of fossils)	G.S.C.	Report of Progress, 1872-73	71-75

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Year	Month.	Title.	Publication.	Volume.	Page.
.....	March	On Some New or Little Known Fossils from the Silurian and Devonian Rocks of Ontario. (Describes 2 new genera, *Aulocopina* and *Heterophrentis*, and 16 new species as follows: Protozoa, 1; Cœlenterata, 12; Cephalopoda, 2; Crustacea, 1. 2 figures of *Aulocopina*)	Can. Nat.	N. Ser., V. 7	230-240
"	May	On Mr. Meek's Note, p. 373 of this vol	A.J.S.	Ser. 3, V. 7	530
"	July	On Some New Genera and Species of Palæozoic Mollusca. (Describes 2 new genera, *Ilionia* and *Pteronitella*, and [illegible] new species. 2 figures)	Can. Nat.	N. Ser., V. 7	301-302
"	August	Palæozoic Fossils [illegible] ol. II., Part I. (Contains the following articles): 1. On some of the Fossils of the Gaspé series of Rocks. 2. On some new species of Fossils from the Primordial rocks of Newfoundland. 3. On the Genus Stricklandinia, with descriptions of the Canadian species. 4. Notes on the Structure of the Crinoidea, Cystidea and Blastoidea. 5. On some of the Fossils of the Arisaig series of rocks, Upper Silurian, Nova Scotia. (10 plates and 85 figures inserted with the text)	G.S.C.	Vol. II., Pt. 1	pp. 144
1876	March	On the structure of Obolella chrematica. (4 figures)	A.J.S.	Ser. 3, Vol. 11	176-178

NOTE.—This bibliography was completed in 1898, and met with the approval of the late Director and other officers of the Geological Survey of Canada, but was, at the suggestion of one of these officers, withheld from publication in the hope that the compiler might find time to extend the notes sufficiently to give the names of all new genera and species described by Mr. Billings. The recent publication of a partial and very inaccurate description of the writings of Mr. Billings has, however, made it necessary to publish this bibliography without further delay.